

## Adamantanylalkylamin-Derivate und Verfahren zu ihrer Herstellung

**Patent number:** DE1943404  
**Publication date:** 1970-12-17  
**Inventor:** KUMAR CHAKRABARTI JIBAN; FRIMLEY SURREY; HENRY CASHIN COLIN; SLOMO SZINAI STEPHEN  
**Applicant:** LILLY INDUSTRIES LTD  
**Classification:**  
 - **international:** C07C35/22  
 - **european:** A61K31/13, C07C53/138, C07C53/44, C07C55/38, C07D295/02B3F, C07D239/42B1  
**Application number:** DE19691943404 19690826  
**Priority number(s):** GB19680040968 19680827

**Also published as:**

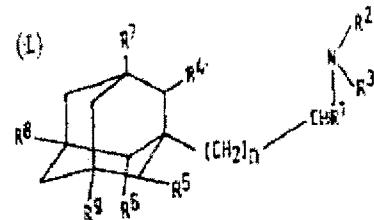
NL6913046 (A)  
 GB1274652 (A)  
 FR2016468 (A1)  
 CH553149 (A5)  
 CH551365 (A5)

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Abstract not available for DE1943404

Abstract of correspondent: **GB1274652**

1,274,652. Antidepressant &c. compositions. LILLY INDUSTRIES Ltd. 28 Oct., 1969 [27 Aug., 1968], No. 40968/68. Heading A5B. [Also in Division C2] Pharmaceutical compositions having anti- depressant, -Parkinsonism and -motion sickness and appetite suppressant activity comprise, as active ingredient, at least one 1-amino-alkyladamantane of the general formula wherein n is 1 or 2; R<sub>1</sub> is a hydrogen atom or a C 1-4 alkyl group or, when n is 1, R<sub>2</sub> and R<sub>4</sub> together form a methylene group; R<sub>3</sub> is a hydrogen atom or C 1-4 alkyl group or, when n is 1, a C 1-4 hydroxyalkyl or phenyl-C 1- 4 alkyl group, R<sub>5</sub> is a hydrogen atom or a C 1-4 alkyl group or, when R<sub>2</sub> is a a hydrogen atom, R<sub>3</sub> is an amidino, pyrimidinyl or C 1-4 alkyl- pyrimidinyl group, or NR<sub>2</sub>R<sub>3</sub> is a pyrrolidino, piperidino, N- C 1-4 alkylpiperazino or N-C 1-4 hydroxyalkylpiperazino group; R<sub>6</sub> is a hydrogen or chlorine atom or a phenyl group or, when n is 1, a bromine atom or cyclohexyl group; R<sub>7</sub> and R<sub>8</sub> are each a hydrogen atom or, when n is 1, a chlorine atom or phenyl group; provided that one of R<sub>2</sub>, R<sub>5</sub> and R<sub>6</sub> is not a chlorine atom and the others are hydro- gen atoms or R<sub>2</sub> is not a bromine atom and R<sub>5</sub> and R<sub>6</sub> are hydrogen atoms, when R<sub>7</sub>, R<sub>8</sub> are hydrogen atoms, R<sub>1</sub> is a hydrogen atom or a C 1-4 alkyl group, one of R<sub>2</sub> and R<sub>3</sub> is a hydrogen atom and the other is a C 1-4 alkyl group and n is 1; R<sub>2</sub> is



is a hydrogen or bromine atom or a hydroxyl or -  
(CH<sub>2</sub>)<sub>n</sub> - -CHR a <SP>1</SP>-NR a  
<SP>2</SP>R a <SP>3</SP> group, wherein n  
is 1 or 2 and R a <SP>1</SP>, R a <SP>2</SP>  
and R a <SP>3</SP> are each a hydrogen atom  
or a C 1-4 alkyl group, or, when n is 1,  
R<SP>7</SP> is a methyl group; and  
R<SP>8</SP> and R<SP>9</SP> are each a  
hydrogen atom or, when n is 1, a methyl group;  
or pharmaceutically acceptable acid addition salt  
thereof, in association with a pharmaceutically  
acceptable carrier.

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